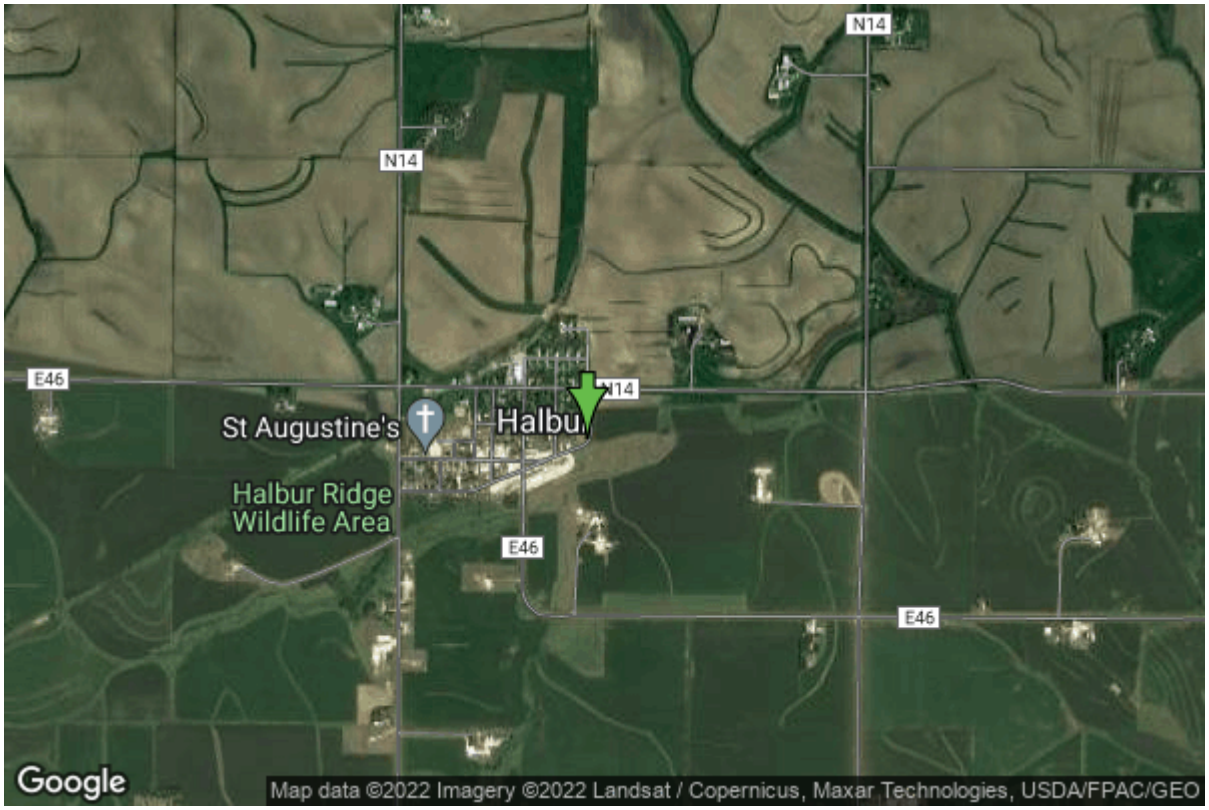
Well W#26899 Information



Date Received	01/01/1983	**State**	Iowa
Owner Name	Halbur, City Of	**County**	Carroll
Alt Name		**Quadrangle**	Carroll West, Iowa
WNumber	26899	**Township**	T83N
PWTS ID	0	**Range**	R35W
PWS ID	1444022	**Section**	18
Storet ID	0	**Quarter**	NW NE NE
SDWIS ID	2408237	**Latitude**	42.0064000000
USGS ID	0	**Longitude**	-94.9673700000
Project	Source Water Protection	**Accuracy**	
Operator	Unknown	**UTM X**	337080
		UTM Y	4652359

Site Type	Drilled hole	**Drilling Company**	Winkler Well Drilling
Well Status	Not Used	**Drilling Date**	11/11/1982
Field Located	No	**Drilling Method**	Rotary
Elevation	1346 ft	**Bedrock Depth**	0 ft
Elevation Accuracy	Digital Elevation Model Accurate to 5 ft	**Well Depth**	313 ft
		Total Depth	313 ft
Landscape Position	Unknown	**Well Types**	Municipal, Public Supply
		Aquifers	Pleistocene

Casing Construction Information

Date	11/11/1982	**Casing Type**	PVC
Start Depth	0.00 ft	**End Depth**	299.00 ft

Diameter	5.00 in	**Amount**	299.00 ft
Comments			

Date	11/11/1982	**Casing Type**	PVC
Start Depth	309.00 ft	**End Depth**	313.00 ft
Diameter	5.00 in	**Amount**	4.00 ft
Comments			

Screen Construction Information

Date	11/11/1982		
Screen Type	PVC	**Slot Size**	0.04
Start Depth	299.00 ft	**End Depth**	309.00 ft
Diameter	5.00 in	**Amount**	10 ft
Comments			

Date	11/11/1982		
Screen Type	PVC	**Slot Size**	0.00
Start Depth	0.00 ft	**End Depth**	0.00 ft
Diameter	0.00 in	**Amount**	0 ft
Comments			

Pump Construction Information

Date	11/11/1982	**Pump Type**	Submersible
Diameter	4.00 in	**Rating**	15
Depth Intake	240.00 ft		
Comments			

Log Information

Date	04/30/1986
Log Types	Strip log
Prepared By	Bounk, Mike
Comments	

Date	
Log Types	Drillers log
Prepared By	Unknown
Comments	

Stratigraphy Information

System	Quaternary
Series	Holocene Series

Group			
Formation	Deforest		
Member			
Submember			
Start Depth	0.00 ft	**End Depth**	18.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Silt	**Percent**	100
Secondary Lithology	Alluvium	**Percent**	0
Tertiary Lithology		**Percent**	
Comments			

System	Quaternary		
Series	Pleistocene Series		
Group			
Formation			
Member			
Submember			
Start Depth	18.00 ft	**End Depth**	25.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Sand And Gravel	**Percent**	100
Secondary Lithology		**Percent**	
Tertiary Lithology		**Percent**	
Comments			

System	Quaternary		
Series	Pleistocene Series		
Group	Pre-Illinoian		
Formation			
Member			
Submember			
Start Depth	25.00 ft	**End Depth**	30.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Sand And Gravel	**Percent**	60
Secondary Lithology	Till - Oxidized And Unleached	**Percent**	40
Tertiary Lithology		**Percent**	
Comments			

System	Quaternary		
Series	Pleistocene Series		
Group	Pre-Illinoian		
Formation			
Member			
Submember			
Start Depth	30.00 ft	**End Depth**	35.00 ft
Contact Accuracy			

Penetration			
Primary Lithology	Sand	**Percent**	100
Secondary Lithology		**Percent**	
Tertiary Lithology		**Percent**	
Comments			

System	Quaternary		
Series	Pleistocene Series		
Group	Pre-Illinoian		
Formation			
Member			
Submember			
Start Depth	35.00 ft	**End Depth**	80.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Till - Unoxidized And Unleached	**Percent**	100
Secondary Lithology		**Percent**	
Tertiary Lithology		**Percent**	
Comments			

System	Quaternary		
Series	Pleistocene Series		
Group	Pre-Illinoian		
Formation			
Member			
Submember			
Start Depth	80.00 ft	**End Depth**	90.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Sand And Gravel	**Percent**	90
Secondary Lithology	Till - Unoxidized And Unleached	**Percent**	10
Tertiary Lithology		**Percent**	
Comments			

System	Quaternary		
Series	Pleistocene Series		
Group	Pre-Illinoian		
Formation			
Member			
Submember			
Start Depth	90.00 ft	**End Depth**	120.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Till - Unoxidized And Unleached	**Percent**	100
Secondary Lithology		**Percent**	
Tertiary Lithology		**Percent**	

Comments

System	Quaternary		
Series	Pleistocene Series		
Group	Pre-Illinoian		
Formation			
Member			
Submember			
Start Depth	120.00 ft	**End Depth**	150.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Till - Oxidized And Unleached	**Percent**	100
Secondary Lithology		**Percent**	
Tertiary Lithology		**Percent**	
Comments			

System	Quaternary		
Series	Pleistocene Series		
Group	Pre-Illinoian		
Formation			
Member			
Submember			
Start Depth	150.00 ft	**End Depth**	155.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Till - Oxidized And Unleached	**Percent**	80
Secondary Lithology	Till - Unoxidized And Unleached	**Percent**	20
Tertiary Lithology		**Percent**	
Comments			

System	Quaternary		
Series	Pleistocene Series		
Group	Pre-Illinoian		
Formation			
Member			
Submember			
Start Depth	155.00 ft	**End Depth**	180.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Till - Oxidized And Unleached	**Percent**	100
Secondary Lithology		**Percent**	
Tertiary Lithology		**Percent**	
Comments			

System	Quaternary

Series	Pleistocene Series		
Group	Pre-Illinoian		
Formation			
Member			
Submember			
Start Depth	180.00 ft	**End Depth**	185.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Till - Unoxidized And Unleached	**Percent**	100
Secondary Lithology		**Percent**	
Tertiary Lithology		**Percent**	
Comments			

System	Quaternary		
Series	Pleistocene Series		
Group	Pre-Illinoian		
Formation			
Member			
Submember			
Start Depth	185.00 ft	**End Depth**	190.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Till - Unoxidized And Unleached	**Percent**	60
Secondary Lithology	Till - Oxidized And Unleached	**Percent**	40
Tertiary Lithology		**Percent**	
Comments			

System	Quaternary		
Series	Pleistocene Series		
Group	Pre-Illinoian		
Formation			
Member			
Submember			
Start Depth	190.00 ft	**End Depth**	210.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Till - Unoxidized And Unleached	**Percent**	100
Secondary Lithology		**Percent**	
Tertiary Lithology		**Percent**	
Comments			

System	Quaternary		
Series	Pleistocene Series		
Group	Pre-Illinoian		
Formation			

Member			
Submember			
Start Depth	210.00 ft	**End Depth**	235.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Till - Oxidized And Unleached	**Percent**	95
Secondary Lithology	Till - Unoxidized And Unleached	**Percent**	5
Tertiary Lithology		**Percent**	
Comments			

System	Quaternary		
Series	Pleistocene Series		
Group	Pre-Illinoian		
Formation			
Member			
Submember			
Start Depth	235.00 ft	**End Depth**	255.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Till - Unoxidized And Unleached	**Percent**	100
Secondary Lithology		**Percent**	
Tertiary Lithology		**Percent**	
Comments			

System	Quaternary		
Series	Pleistocene Series		
Group	Pre-Illinoian		
Formation			
Member			
Submember			
Start Depth	255.00 ft	**End Depth**	275.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Till	**Percent**	100
Secondary Lithology		**Percent**	
Tertiary Lithology		**Percent**	
Comments			

System	Quaternary		
Series	Pleistocene Series		
Group	Pre-Illinoian		
Formation			
Member			
Submember			
Start Depth	275.00 ft	**End Depth**	290.00 ft
Contact Accuracy			

Penetration			
Primary Lithology	Sand	**Percent**	80
Secondary Lithology	Till	**Percent**	20
Tertiary Lithology		**Percent**	
Comments			

System	Quaternary		
Series	Pleistocene Series		
Group	Pre-Illinoian		
Formation			
Member			
Submember			
Start Depth	290.00 ft	**End Depth**	295.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Till - Oxidized And Leached	**Percent**	100
Secondary Lithology		**Percent**	
Tertiary Lithology		**Percent**	
Comments			

System	Quaternary		
Series	Pleistocene Series		
Group	Pre-Illinoian		
Formation			
Member			
Submember			
Start Depth	295.00 ft	**End Depth**	300.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Till - Unoxidized And Unleached	**Percent**	80
Secondary Lithology	Till - Oxidized And Unleached	**Percent**	20
Tertiary Lithology		**Percent**	
Comments			

System	Quaternary		
Series	Pleistocene Series		
Group	Pre-Illinoian		
Formation			
Member			
Submember			
Start Depth	300.00 ft	**End Depth**	307.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Sand	**Percent**	100
Secondary Lithology		**Percent**	
Tertiary Lithology		**Percent**	

Comments

System	Quaternary		
Series	Pleistocene Series		
Group	Pre-Illinoian		
Formation			
Member			
Submember			
Start Depth	307.00 ft	**End Depth**	313.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Till - Oxidized And Unleached	**Percent**	100
Secondary Lithology		**Percent**	
Tertiary Lithology		**Percent**	
Comments			

Water Production Information

Date	11/11/1982	**Start Time**	
Aquifer	Unknown		
Static Water Level	160.00 ft	**Yield**	15 gallons per minute
Pumping Water Level	240 ft	**Yield Method**	Unknown
Measurement	Unknown	**Pump Test**	No
Pump Method	Unknown	**Duration**	0 mins
Comments			

Chip Storage Information

Date	02/08/1983		
Storage	OD1-727	**Bin**	
Number of Boxes	1	**Number of Samples**	57
Sample Intervals	0	**Sample Gaps**	
Sample Top	0 ft	**Sample Bottom**	313 ft
Washed Top	0 ft	**Washed Bottom**	0 ft
Duplicate Storage			
Comments			